

Page 1 of 2 Pages

	[X]	Original	[]	Substitute	[]	Supplemental	Atty. Docket:	MUELLER
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Combined Declaration for Patent Application and Power of Attorney

As a below-named inventor, I hereby declare that:

and sole inventor (it	office address and citize f only one name is listed is claimed and for which	below) or an original	l, first and joint i	inventor (if plural na	ames are listed below) of the
	ETHOD FOR CHANNI			.madeo	
the specification of		AL LOTHING TO	<u> </u>		
[] [] [X]	is attached hereto; was filed in the United U.S. Appln. No. was/will be filed in th (PCT) application, PC	*; or e U.S. under 35 U.S. T/IB2003/0000235: fi	C. §371 by entry iled January 15,	y into the U.S. natio 2003, entry requeste	onal stage of an international
and was amended or	n			_ (if applicable).	
		dments under PCT Art.		_ `	
amendment referred		vledge the duty to dis	close to the Pate		claims, as amended by any Office (PTO) all information
I hereby claim forei inventor's or plant in other than the U.S.,	breeder's rights certifica	er 35 U.S.C. §§ 119 (te(s), or under §365(a	a)-(d) and 365 (a) of any PCT ap	b) of any prior forei	ign application(s) for patent, signated at least one country
	Application No.	Country	Fi	iling Date (MM/DD/Y	YYY)
If I claimed foreign	priority above, I hereb	y identify below any	foreign applicati	ion for patent (inclu	ding an international (PCT)
date before that of the	ing a country other than the earliest application from	n the United States) (on which foreign prio	or for an invento	or's or plant breeder' Fleft blank, then the	's certificate, having a filing
	Non-Priority Application N			Filing Date (MM/DE	
1 hereby claim the be	enefit under 35 U.S.C. §	119(e) of any United		al applications listed	below:
	Applie	cation No.	Filing Date (N	MM/DD/YYYY)	
	<u></u>				
PCT international application is not d U.S.C. §112, I ackn	oplication(s) designating isclosed in such U.S. of the duty to dis became available betwe	the U.S., listed below PCT international a sclose to the PTO all	wand, insofar as pplication in the information whi	s the subject matter of manner provided be ich is material to pa	under §365(c) of any prior of each of the claims of this by the first paragraph of 35 ttentability as defined in 37 or PCT international filing
Appli	cation No.	Filing Date (MM/DD/	YYYY)	Status (patented, p	ending, abandoned)
As a named invento	or, I hereby appoint the	following registered	practitioners to	prosecute this app	dication and to transact all

business in the Patent and Trademark Office connected therewith:

All of the practitioners associated with Customer Number 001444

Direct all correspondence to the address associated with Customer Number 001444, which is presently:

BROWDY AND NEIMARK, P.L.L.C. 624 Ninth Street, N.W. Washington, D.C. 20001-5303 (202) 628-5197

P. 0.50.P			. MIELLEDA
Page 2 of 2 Pages	CTIMATION COR OFFINA	Atty. Doc	kei: MUELLER2
Title: CORRELATION METHOD FOR CHANNEL E	Serial No.		
U.S. Application filed PCT Application filed	Serial No.		
Tet Application filed	, Scriai 140.		
The undersigned hereby authorizes the U.S. Attorneys of <u>SANTARELLI</u> as to any action to be taken in the U.S. communication between the U.S. Attorneys or Agents a instructions may be taken, the U.S. Attorneys or Agents	 Patent and Trademark Office rand the undersigned. In the event 	egarding this app	dication without direct he persons from whom
I hereby further declare that all statements made herein of and belief are believed to be true; and that these statemes so made are punishable by fine or imprisonment, or be jeopardize the validity of the application or any patent is	nts were made with the knowledge both, under 18 U.S.C. §1001 and	that willful false	statements and the lik
FULL NAME OF FIRST INVENTOR	INVENTOR'S SIGNATURE		DATE
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Peter SCHRAMM	INVENTOR'S SIGNATURE		19-Ang-05
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Erlangen, Germany ECH/NG, GER Post office Address ROSSBERGERSTRAS	MANY	Germany	
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Udo WACHSMANN			
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FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP	<u> </u>
POST OFFICE ADDRESS			
FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE	131.00	CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE	1	CITIZENSHIP	

ALL INVENTORS MUST REVIEW APPLICATION AND DECLARATION BEFORE SIGNING. ALL ALTERATIONS MUST BE INITIALED AND DATED BY ALL INVENTORS PRIOR TO EXECUTION. NO ALTERATIONS CAN BE MADE AFTER THE DECLARATION IS SIGNED. ALL PAGES OF DECLARATION MUST BE SEEN BY ALL INVENTORS.

POST OFFICE ADDRESS

Page 1 of 2 Page	es [X] Original	[] Substitute	[] Supple	emental Atty. Docket: M	UELLER2
Con	nbined Declaratio	on for Patent	Applicatio	n and Power of Atto	rney
As a below-named	l inventor, I hereby declare	that:			
and sole inventor subject matter whi	st office address and citized (if only one name is listed ich is claimed and for which METHOD FOR CHANNI	below) or an original through the below of t	al, first and join on the inventior		m the original, first listed below) of the
	METHOD FOR CHANNI of which (check one)	IL ESTIMATION FO	JK OFDM	_	
the specification of	•				
į į	was filed in the United U.S. Appln. No.	*; or			-C :
(X)	(PCT) application, PC	T/IB2003/0000235;	filed January 1:	try into the U.S. national stage 5, 2003, entry requested on *; §102(e) date	national stage
and was amended	on(include dates of amen	dments under PCT Art.	19 and 34 if PC	(if applicable).	
amendment referr	and understand the conte	ents of the above-id vledge the duty to di	entified specific sclose to the Pa	cation, including the claims, a atent and Trademark Office (P	
	nt breeder's rights certifica			5 (b) of any prior foreign appli application which designated	
	Application No.	Country	, 	Filing Date (MM/DD/YYYY)	
application design	nating a country other tha	n the United States) om which foreign pri	or for an inver ority is claimed	ation for patent (including an ntor's or plant breeder's certific (if left blank, then there are no	cate, having a filing ne):
-	Non-Priority Application N			Filing Date (MM/DD/YYYY)	
I hereby claim the	benefit under 35 U.S.C. §	119(e) of any United	States provisio	onal applications listed below:	
	Appli	cation No.	Filing Date	(MM/DD/YYYY)	
PCT international application is not U.S.C. §112, 1 ac	l application(s) designating disclosed in such U.S. o knowledge the duty to di ch became available betwe	g the U.S., listed below r PCT international sclose to the PTO a	ow and, insofar application in to Il information v	ional application(s) or under § as the subject matter of each of the manner provided by the fi which is material to patentabili action and the national or PCI	of the claims of this rst paragraph of 35 ry as defined in 37
•	plication No.	Filing Date (MM/Di	•	Status (patented, pending, a	bandoned)
					
As a named inve business in the Pa	ntor, I hereby appoint the tent and Trademark Office	e following registere	ed practitioners	to prosecute this application	

All of the practitioners associated with Customer Number 001444

Direct all correspondence to the address associated with Customer Number 001444, which is presently:

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Page 2 of 2 Pages		Atty. Do	cket: MUELLER2
Title: CORRELATION METHOD FOR CHAI	NNEL ESTIMATION FOR OFDM		
U.S. Application filed	, Serial No		
PCT Application filed	, Serial No.		
The undersigned hereby authorizes the U.S. Atto SANTARELLI as to any action to be taken in communication between the U.S. Attorneys or instructions may be taken, the U.S. Attorneys or	the U.S. Patent and Trademark Office Agents and the undersigned. In the eve	regarding this apent of a change of	pplication without direction who
I hereby further declare that all statements made and belief are believed to be true; and that these so made are punishable by fine or imprisonn jeopardize the validity of the application or any	statements were made with the knowled tent, or both, under 18 U.S.C. §1001 at	ge that willful fals	se statements and the lik
FULL NAME OF FIRST INVENTOR	INVENTOR'S SIGNATURE		DATE
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RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

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